REMARKS

This is a full and timely response to the outstanding non-final Office Action mailed November 1, 2007. Reconsideration and allowance of the application and pending claims are respectfully requested.

I. Allowable Subject Matter

Applicant appreciates the Examiner's indication that claims 10, 11, 13, 29, 30, 32, and 37 are allowable over the prior art of record. In that it is believed that every rejection has been overcome, it is respectfully submitted that each of the claims that remains in the case is presently in condition for allowance.

II. Claim Rejections - 35 U.S.C. § 102(b)

Claims 35, 38, and 39 have been rejected under 35 U.S.C. § 102(b) as being anticipated by *Krueger* (U.S. Pat. No. 6,247,041). Applicant respectfully traverses.

Independent claim 35, as amended, provides as follows:

> 35. A computer readable memory that stores a system, the system comprising:
> a parent process configured to, before a vfork call is executed by the parent process, generate a pre-fork event that contains a process identifier of a child process that will be spawned from the parent process when the vfork system call is executed by the parent process; and
> a process monitor configured to receive the pre-fork event and process identifier before the vfork system call is executed by the parent process, to, responsive to receiving the pre-fork event and process identifier, suspend execution of the parent process, and to, also

responsive to receiving the pre-fork event and process identifier, generate a process monitor thread that enables observation of trace events generated by the child process.

As a first matter, Applicant notes that Krueger does not teach a parent process configured to, before a vfork call is executed by the parent process, "generate a pre-fork event that contains a process identifier of a child process that will be spawned". Regarding column 6, lines 28-38 of the Krueger reference, which were identified in the Office Action, Krueger describes a parent process 44 requesting an operating system 32 to create a new child process. Although the parent process 44 makes a modified fork system call that provides advice to the operating system 32 as to which node to store the child process 42, Krueger does not state that the call includes "process identifier" of the child process that will be spawned.

Given the fact that Krueger does not teach a parent process configured to "generate a pre-fork event that contains a process identifier of a child process that will be spawned, it logically follows that Krueger also does not teach a process monitor configured to "receive the pre-fork event and process identifier".

As a further matter, Applicant notes that Krueger does not teach a process monitor configured to "responsive to receiving the pre-fork event and process identifier, suspend execution of the parent process" as now recited in claim 35. Although Krueger describes moving a process to a different node in column 11, lines 1-15, that action is taken responsive to the operating system detecting an "inefficiency in the execution of a process on a given node." *Krueger*, column 11, lines 3-5.
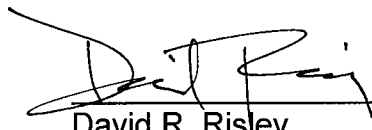
Finally, Applicant notes that Krueger does not teach a process monitor configured to "also responsive to receiving the pre-fork event and process identifier, generate a process monitor thread that enables observation of trace events generated by the child process" as now recited in claim 35. Regarding column 11, lines 30-40 identified in the Office Action, Krueger does not mention a "process monitor thread that enables observation of trace events" or that such a thread is generated "responsive to receiving the pre-fork event and process identifier".

In view of the above, Applicant respectfully submits that claims 35, 38, and 39 are allowable over Krueger.

CONCLUSION

Applicant respectfully submits that Applicant's pending claims are in condition for allowance. Favorable reconsideration and allowance of the present application and all pending claims are hereby courteously requested. If, in the opinion of the Examiner, a telephonic conference would expedite the examination of this matter, the Examiner is invited to call the undersigned attorney at (770) 933-9500.

Respectfully submitted,

David R. Risley
Registration No. 39,345